

Master Schedule

Monday, June 26



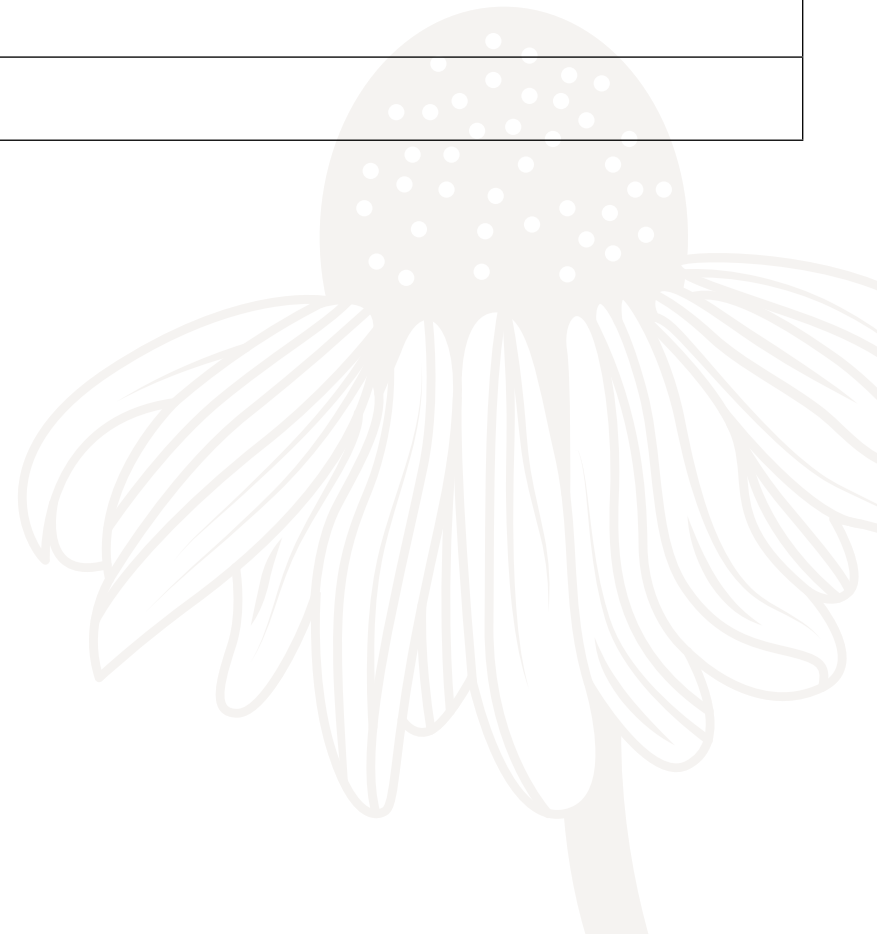
9 a.m.-12 p.m. Opening Plenary Session, Bishop Ballroom	Thomas Rosburg, Chair of the 2023 NAPC The Honorable Dean O'Connor, Mayor of Altoona, IA Jon Judson, NAPC Planning Committee and Iowa Prairie Network Tara Van Waus, Living Roadway Trust Fund Coordinator Keynote #1 Dr. Laura Jackson, A Lost Cause? Bringing Prairie Back to the Corn Belt Keynote #2 Eric Lee-Mäder, Farmers of Forty Centuries: Reconciling Agriculture & Ecology		
12-1 p.m.	Lunch Buffet: baked potato bar, Bishop Ballroom		
1-3 p.m.	Paper Session #1 Prairie through Eyes Diversity/Inclusion & Private Land Projects Skinner A	Paper Session #2 Reconstruction and Planting Techniques Skinner B	Symposium A Prescribed Fire Seasonality Bishop Ballroom
1-1:20 p.m.	Sikowis Nobiss, <i>End-stage Iowa: Big-ag's sacrifice zone and indigenous resistance</i>	Brian Wilsey, <i>Importance of persistence, priority effects, and species diversity in prairie establishment</i>	Thomas B. Bragg, <i>Trends in a 40-year-long fire seasonality and frequency experiment (1:10 to 1:30)</i>
1:20-1:40 p.m.	Ray Hamilton, <i>How to identify, acquire, and protect natural areas: Remote river corridor, prairies, savannas, fen, & algalic talus slopes</i>	Chris Helzer, <i>Are reconstructed prairies de-fragmenting the landscape?</i>	Devan A. McGranahan, <i>Barriers to a summer fire regime in northern prairies: Ecological, physical, and social (1:30 to 1:50)</i>
1:40-2 p.m.	Jathan Chicoine, <i>Learning from bison: A story of a small farm's efforts to restore native ecosystems</i>	Scott B. Sauer, <i>What are we getting right, and what are getting wrong? Informed choices in prairie reconstruction and restoration</i>	Justin Thomas, <i>Floristic quality response to non-dormant season fire in Missouri and Kansas prairies (1:50 to 2:10)</i>
2-2:20 p.m.	Mary C. Damm, <i>Grazing for grassland birds</i>	Katherine C. Wynne, <i>The role of temporal dispersal patterns in building diverse tallgrass prairie plant communities</i>	Bethany Robertson, <i>Short-term impacts of seasonal burn treatments on plant diversity and pollinator recruitment in a tallgrass prairie (2:10 to 2:30)</i>
2:20-2:40 p.m.	Stephanie L Frischie, <i>Prairie spring: Sowing seeds for floristic diversity and associated insect wildlife</i>		Craig Maier, <i>Discussion, Questions and Answers (2:30 to 3:00)</i>
2:40-3 p.m.	Justin Meissen, <i>Promoting forbs in prairie reconstructions using grass selective herbicide</i>		

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3-3:30 p.m.	Break		
3:30-5:30 p.m.	Paper Session #3 Prairie Floristics and Plant Communities Skinner A	Paper Session #4 Prairie and Regenerative Agriculture Skinner B	Symposium B Insects: What we don't know and how you can help! Bishop Ballroom
3:30-3:50 p.m.	Thomas Rosburg, <i>The vegetation and seedbank of a remnant sedge meadow in Madison County, Iowa</i>	Jeremy S. Giannone, <i>Phosphorus transport in soil: Locating and identifying a limiting element</i>	Jessica Petersen, <i>Insect conservation by accelerating learning (3:35 to 3:55)</i>
3:50-4:10 p.m.	Jordan Nikkel, <i>The postage stamp and beyond: The vascular flora of Marietta Sand Prairie (Marshall County, IA)</i>	Cornelia F. Mutel, <i>Tending Iowa's Land: How a vision became a book</i>	Chris Helzer, <i>Learning to see the prairie through the eyes of insects (3:55 to 4:15)</i>
4:10-4:30 p.m.	Thomas R. Thompson, <i>A long-term study of the impacts of patch-burn grazing with cattle (PBGC) as a prairie management tool on plant community response and vegetation structure response metrics in Missouri: Update on the first 5-years</i>	Thomas Rosburg, <i>Iowa's rich biodiversity legacy: A vision for the future</i>	Greg Courtney, <i>Aquatic insects of upper Midwest wetlands: A "well known" fauna that isn't (4:15 to 4:35)</i>
4:30-4:50 p.m.	William Norris, <i>Botanical studies of prairie remnants in the Iowa State Preserve System: Past, present, and future</i>		Jay Watson, <i>Native bees in our prairies, what's all the buzz about (4:35 to 4:55)</i>
4:50-5:10 p.m.	Daniel T. Deever, <i>Recruitment limitation of early- and late-flowering grassland forbs can be overcome with transplanting in prairie restorations</i>		Jim Durbin and MJ Hatfield (4:55 to 5:15)
5:10-5:30 p.m.			Megan O'Donnell, Questions and Answers
6-7:30 p.m.	Poster Session, Salon 1 and 2		
7:45-11 p.m.	Insect Night Lighting & Bat Netting, Yellow Banks County Park Signup and Information at the Registration Table		

Tuesday, June 27

7:30 a.m.-5 p.m.	All day field trips
7:30 a.m.-12 p.m	Half-day morning field trips
1:30-5 p.m.	Half-day afternoon field trips
5-8 p.m.	BBQ at the Meadows with cash bar
5-8 p.m.	Art Fair
5:30-7:30 p.m.	Music by Brad and Kate



Wednesday, June 28

7:30-9:30 a.m.	Paper Session #5 Insects and other invertebrates Skinner A	Paper Session #6 Ecology of Grazing and Herbivory Skinner B	Symposium C Spirit of the Prairie: Connecting through Storytelling Bishop Ballroom
7:30-7:50 a.m.	MJ Hatfield, <i>Reconstructed prairies: Are they functioning? What can insects tell us?</i>	Grace E. Thomas, <i>Effects of bison and cattle grazing on milkweeds and monarch butterflies</i>	Roger "Jake" Landers, <i>Doolittle Prairie, it's consequences</i> (7:40 to 7:55)
7:50-8:10 a.m.	Thomas P. Franzem, <i>Drivers of beetle occurrence and abundance in Alabama black belt prairies</i>	Abu Raihan, <i>Effects of grazing and burning on stream water chemistry for the King's Creek drainage basin on Konza Prairie</i>	Ray Young Bear, <i>Composing Meskwaki word-songs from stories as linguistic, cultural and literary contributions</i> (7:55 to 8:10)
8:10-8:30 a.m.	Russell Benedict, <i>Preference of plants as nectar sources by adult monarch butterflies (<i>Danaus plexippus</i>) in a tallgrass prairie reconstruction</i>	Fred Harris, <i>Plant species richness and brome responses differ over 5 years depending on stocking rate and fire frequency in two patch-burn grazing projects</i>	Ron Eckoff, <i>How to have an active and meaningful retirement</i> (8:10 to 8:25)
8:30-8:50 a.m.	MJ Hatfield, <i>Life on a little-known prairie (Thank you Howard Ensign Evans)</i>	Timothy L. Dickson, <i>Implications of cattle grazing common and showy milkweed species at least as much as surrounding grasses</i>	Ray Hamilton, <i>Codfish Hollow Hill Prairie: The discovery, management, and lessons of four decades of life with a remarkable natural area</i> (8:25 to 8:40)
8:50-9:10 a.m.	Genevieve Pugesek, <i>Bumble Bee Atlas: Regional collaboration to conserve pollinators using community science</i>	Thomas Rosburg, <i>Effects of cattle grazing on the species composition of prairie communities in northwest Iowa</i>	Nancy Grudens-Schuck, <i>Panel discussion with questions and answers</i> (8:40 to 9:30)
9:10-9:30 a.m.	Laura Fischer Walter, <i>Arthropod friends, foes, and frenemies among the prairie seed plots</i>	John Pearson, <i>Vegetation monitoring for adaptive management in a grazed tallgrass prairie</i>	
9:30-10 a.m.	Break		

Wednesday, June 28

10 a.m.-12 p.m.	Paper Session #7 Forum A Western Prairie Fringed Orchid Recovery Skinner A	Paper Session #8 Prairie for Beginners AND Prairie Culture and History Skinner B	Symposium D What Prairie Can Teach Agricul- ture: Four Lessons Bishop Ballroom
10-10:20 a.m.	Dawn Marsh, <i>Overview of the western prairie fringed orchid and tracking progress towards recovery under the ESA</i> (10:10 to 10:25)	Russell Benedict, <i>Introduction to Prairies I</i>	Joe McGovern, <i>Permanent land protection to benefit prairie and agriculture</i> (10:10 to 10:35)
10:20-10:40 a.m.	Derek Anderson, <i>The Status of Platanthera praeclara in Minnesota</i> (10:25 to 10:40)	Russell Benedict, <i>Introduction to Prairies II</i>	Randall Jackson, <i>Grassland 2.0-Ecosystem functions of prairie are the goalposts for agriculture</i> (10:35 to 11:00)
10:40-11 a.m.	John Pearson and Mark Leoschke, <i>Western prairie fringed orchid in Iowa</i> (10:40 to 10:55)	Kara K. Holmstrom, <i>Converting turf to native prairie on a community college campus</i>	
11-11:20 a.m.	Steven Travers, <i>The pollination biology of Platanthera praeclara</i> (10:55 to 11:10)	MJ Hatfield, <i>Walk slow, look close: Meandering for insects</i>	W. Carter Johnson, <i>Restoring prairie on cropland for profit and services</i> (11:00 to 11:25)
11:20-11:40 a.m.	Jaspreet Kaur, <i>Microbial ecology: Implications for in situ and ex situ conservation</i> (11:10 to 11:25)	Kristen A. Greteman, <i>Reconstructing the Lost Lakes: Using historical GIS in the Prairie Pothole Region</i>	Lisa Schulte Moore, <i>Blurring the lines between preservationist and utilitarian views of grasslands with prairie strips</i> (11:25 to 11:50)
11:40 a.m.-12 p.m.	Roundtable discussion (11:25 to 11:55) Closing comments (11:55 to 12:00)	Chant Eicke, <i>Turning a County Poor Farm into a rich community asset</i>	Questions and Discussion
12-1 p.m.	Lunch Buffet: Italian pasta, Bishop Ballroom		

Wednesday, June 28

1-3 p.m.	Paper Session #9 Forum B OCG: A multidisciplinary engagement in Iowa's Loess Hills Skinner A	Paper Session #10 Forum C Born in Crisis: The NRCS and prairie reconstruction and management Skinner B	Symposium E Insect Apocalypse – Catastrophic Headlines to Meaningful Solutions Bishop Ballroom
1-1:20 p.m.	Brian Hazlett, <i>Introduction</i> (1:00 to 1:15)	James Cronin, <i>Introduction; Technical resources available to reconstruct and manage prairie</i>	Angella Moorehouse, <i>Introduction</i>
1:20-1:40 p.m.	Documentary film (1:15 to 1:45)	Kevin Kuhn, <i>Getting things done: Prairie reconstruction and management</i> (1:20 to 1:50)	Panel Discussion and Questions and Answers with: Carl Strang Heather Holm Eric Eaton Laura Rericha-Anchor
1:40-2 p.m.	Book readings by authors: (1:45 to 2:30)	Thomas Rosburg, <i>Ecological site data for Iowa's prairie ecosystems: An unprecedented guide for prairie restoration</i> (1:50 to 2:20)	
2-2:20 p.m.	John T. Price Melanie Kriepps Mergen		
2:20-2:40 p.m.	Connie Mutel Scott Moats	Curt Bradbury, <i>Ecological Site Descriptions and their value in reconstructing and managing prairie</i>	
2:40-3 p.m.	Curt Bradbury, <i>Ecological Site Descriptions and their value in reconstructing and managing prairie</i>	James Cronin, <i>Questions and Answers</i> (2:50 to 3:00)	
3-3:30 p.m.	Break		

Wednesday, June 28

3:30-5:30 p.m.	Paper Session #11 Prairie Education Skinner A	Paper Session #12 Plant and Pollinator Ecology Skinner B	Symposium E Insect Apocalypse – Catastrophic Headlines to Meaningful Solutions Bishop Ballroom
3:30-3:50 p.m.	Kaytlan J. Moeller, <i>Mowing to monarchs: Engaging private landowners to convert turf to prairie</i>	Angella Moorehouse, <i>Using pollinator surveys to assess natural area quality in Illinois</i>	Thomas Rosburg, <i>Quantitative effects of goat browsing and tree cutting on vegetation in a savanna restoration</i> (3:40 to 4:05)
3:50-4:10 p.m.	Kelly D. Norris, <i>Practicing new naturalism: Prairie-forward plantings in public and private places</i>	Ashley B. Bennett, <i>Right-of-Way Prairies: How utility lands are supporting pollinators</i>	
4:10-4:30 p.m.	Aracely Newton, <i>The Missouri Western State University's John Rushin Teaching and Research Prairie: The first two years of multidisciplinary biology research in an outdoors applied learning laboratory</i>	Jessica Petersen, <i>Bee specialists of Minnesota prairies</i>	Bill Kleiman, <i>Tools and techniques in restoring savanna at Nachusa Grasslands</i> (4:05 to 4:30)
4:30-4:50 p.m.	Chris Helzer, <i>Poopy-tailed larvae, single mom bees, and other stories we all need to be telling our non-prairie friends</i>	Jennifer Hopwood, <i>Understanding wildflower forage value: Diverse rangelands benefit livestock and pollinators</i>	Perry Thostenson and Todd Gosselink, <i>Prairie and savanna rescues, restoration and management at Lake Red Rock, Iowa</i> (4:30 to 5:20)
4:50-5:10 p.m.	Ankita A. Sawant, <i>Mycorrhizas and native prairie restoration: Exploring the effects of mycorrhizal inoculum, seed origin, and phosphorus on plant performance</i>	"Ray A. Moranz, <i>Important nectar plants of the monarch butterfly, as reported to the Xerces Society's monarch nectar plant database</i> "	
5:10-5:30 p.m.			Scott Moats, <i>Questions and Answers</i> (5:20 to 5:30)
6-8 p.m.	Hosted Dinner Discussion Groups at a local restaurant - space is limited, sign-up at the registration table. Pay your own dinner. Topics include bison, grazing and fire, LBGTQ+ community & conservation work, pollination, insects, future of NAPC, collecting seed, prairie reconstruction.		

Thursday, June 29

<p>7:30-9:45 a.m. Closing Plenary Session and Breakfast Banquet, Bishop Ballroom</p>	<p>Thomas Rosburg, Chair of the 2023 NAPC The Honorable Frank Cownie, Mayor of Des Moines, IA Keynote #3 Douglas Ladd, Saving the Soul of the Heartland NAPC Planning Committee members - Joyce Hornstein, Daryl Smith, Pauline Drobney, John Pearson, Loren Lown</p>		
<p>10 a.m.-12 p.m.</p>	<p>Paper Session #13 Prairie Art, Poetry and Literature AND Prairie Conservation and Policy Skinner A</p>	<p>Paper Session #14 Ecology of Fire AND Plant and Pollinator Ecology Skinner B</p>	<p>Symposium G Prairie and Grassland Resilience in the Face of Climate Change Bishop Ballroom</p>
<p>10-10:20 a.m.</p>	<p>Erin Anfinson, <i>Tell the bees: An artist residency and exhibition with the Tallgrass Prairie Center</i></p>	<p>Thomas Rosburg, <i>Spring fire effects on the forb community of a degraded sand prairie</i></p>	<p>Brian Wilsey, <i>Restoration in the face of changing climate: Importance of persistence, priority effects, and species diversity (10:05 to 10:30)</i></p>
<p>10:20-10:40 a.m.</p>	<p>Ethan Freese, <i>Storytelling in the Platte Basin's prairies</i></p>	<p>Paul W Foreman, <i>The role of Aboriginal burning in the biogeography of the temperate grasslands of southeastern Australia</i></p>	<p>Katharine Hogan, <i>Grassland plant communities in Nebraska restorations and remnants exhibit similar patterns and resilience over time (10:30 to 10:55)</i></p>
<p>10:40-11 a.m.</p>	<p>Jessica Wiskus, <i>From Proust to Prairie: A brief phenomenological account of the role of the arts and letters in restorative ecology</i></p>	<p>Michael J. Hansen, <i>University of Wisconsin-Madison class prepares students to serve on prescribed fire crews</i></p>	
<p>11-11:20 a.m.</p>	<p>Marika Olynyk, <i>Lessons in change: 30 years of listening, learning, and managing northern tall-grass prairie</i></p>	<p>Stephanie Paris, <i>On the wings of bees: Prairie strips benefit honey bee health</i></p>	<p>Ashley Wojciechowski, <i>Looking above- and belowground: Restored prairie recovery from long-term disturbance and resilience in the face of global change (10:55 to 11:20)</i></p>
<p>11:20-11:40 a.m.</p>	<p>Deborah Q. Lewis and William R. Norris, <i>The saga of an urban tallgrass prairie remnant in central Iowa: "It takes a village"</i></p>	<p>Morgan Moore, <i>Developing reliable biomarkers of bee health to create strategies to mitigate bee declines</i></p>	<p>Cole Dutter, <i>Prairie strips effects on soil and adjacent cropland soil</i></p>
<p>11:40 a.m.-12 p.m.</p>		<p>Erika Ibarra-Garibay, <i>Occupancy, health, and habitat associations of rusty patched and American bumble bees in Iowa</i></p>	<p>Emily Martin, <i>Questions and Answers</i></p>
<p>12-12:30 p.m.</p>	<p>Lunch options: burrito bowl and drink (can be taken with you)</p>		

Thursday, June 29

12:30-2:30 p.m.	Paper Session #15 CANCELED Skinner A	Paper Session #16 Plant Biology and Ecology AND Invasive Species Management Skinner B	Symposium H Prairie and Grassland Resilience in the Face of Climate Change Bishop Ballroom
12:30-12:50 p.m.		Thomas Rosburg, <i>Is Pedicularis lanceolata</i> (swamp lousewort) a keystone species?	Pauline Drobney, <i>The roots and vision of PRI. From the ground up!</i>
12:50-1:10 p.m.		Bret J. Lang, <i>Creating a native plant initiative for South Dakota</i>	Megan Benage, <i>Leaving a trail for others to follow. Write it down!</i> (12:40 to 1:00)
1:10-1:30 p.m.		Nathan M. Soley, <i>Ecological factors that extend flowering phenology in prairies</i>	Amanda McColpin, <i>Did you SucSEED? Monitor vegetation to measure reconstruction success</i> (1:00 to 1:20)
1:30-1:50 p.m.		Ann Marie R. Gunness, <i>Tradeoffs for birdsfoot trefoil management in a tallgrass prairie</i>	Ian Lane, <i>Prairie reconstruction data: Moving from the file cabinet to the cloud</i> (1:20 to 1:40)
1:50-2:10 p.m.			James Ellis, <i>Cross pollination. Sharing the knowledge and hiking ahead!</i> (1:40 to 2:00)
2:10-2:30 p.m.			Pauline Drobney, <i>Discussion, Questions and Answers</i> (2:00 to 2:30)
2:30 p.m.	2023 North American Prairie Conference Closes		